

Remote Wireless Construction Cameras



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Meeting Crews Needs

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- Remote Field Inspection
- Ability to get second pair of eyes quickly
- Documentation of contractor activities when not on site
- Visual verification of field logs

Necessary Capabilities

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- Wireless
- Solar powered
- Photo archiving
- Live Streaming
- High Resolution
- Easy to relocate
- No software required

Construction Cameras Procurement

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- Write a spec
 - Reviewed specs from manufacturers and combined to make a custom spec
 - Camera portion turned out to be too “custom”
 - Revised and rebid – included a trailer in the rebid
 - Included 12 month service agreement
- Total of 4 bids



Construction Camera

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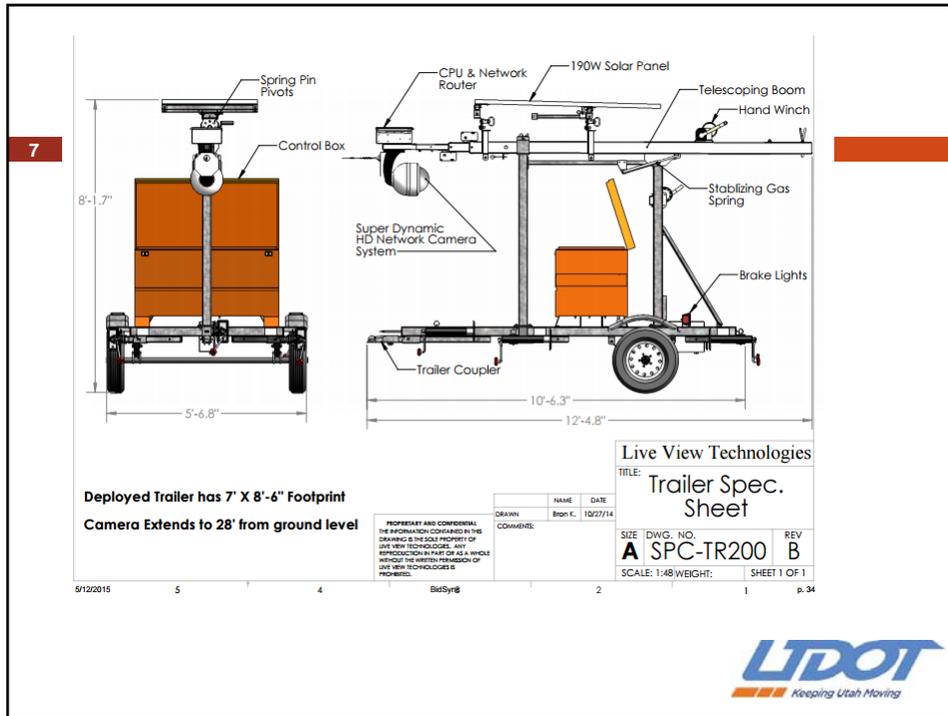
- ❑ Purchased in July 2015
- ❑ Total of 5 Cameras
- ❑ Available for project durations by request
- ❑ No cost to contractor or project



Bids

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- ❑ Entire System Bids:
 - ❑ \$14,500, \$20,000, \$38,995, \$50,613
- ❑ Three vendors would not sell the trailer separately
- ❑ One vendor only provided pricing for entire system
 - ❑ No opportunity to buy trailer and install another manufacturer's camera and solar panel



Bids Received - Service

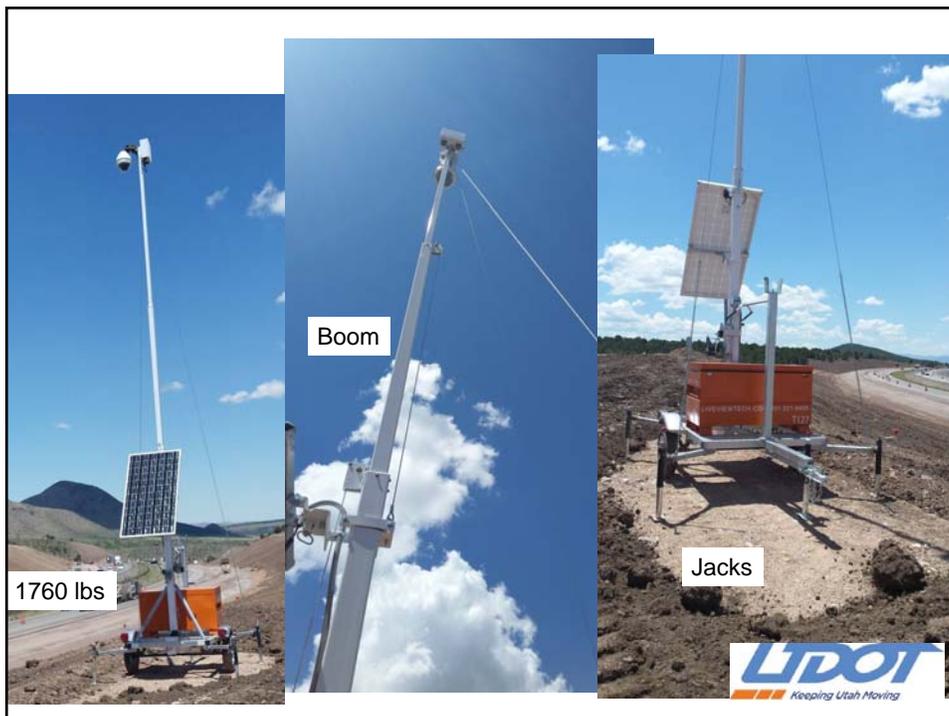
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- Remote Storage
- Wireless Data Connectivity
- Bids - \$125, \$295, \$900/month
 - One vendor only sold the system but did not provide service

Capabilities

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- ❑ Wireless
- ❑ Solar powered
- ❑ Archive Photos
- ❑ Remote viewing of Live Stream
- ❑ High Resolution
- ❑ Easy to relocate
- ❑ No software required





Camera Benefits

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- Aid in remote inspection/second opinion
 - ▣ Save time and money
- Provide visual proof of actual weather conditions, crew size, activities, and on site equipment.
 - ▣ Photo taken every 6 minutes at each preset view



Camera Benefits

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June 7 – Aug 24 Time Lapse of Judd Bridge



Summary

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- Complete Turn Key System with Service
 - ▣ Low bidder was \$16,000 per system with 12 months of service
 - ▣ Second bidder was \$23,540
 - ▣ Third highest bidder was \$38,995 (no service)
 - ▣ High bidder was \$61,413